

## **ABSTRACT**

A pneumatic suspension system, whereby an amount of air infused into an inner upper side of a cylinder is controlled via an air nozzle, and air flow circulating between an inner upper side and an inner lower side of the cylinder is controlled by opening and  
5 closing of a solenoid valve to adjust an air pressure inside the cylinder, thereby enabling a smooth damper function. A main spring is installed inside the cylinder to effectively utilize an external space of the cylinder.